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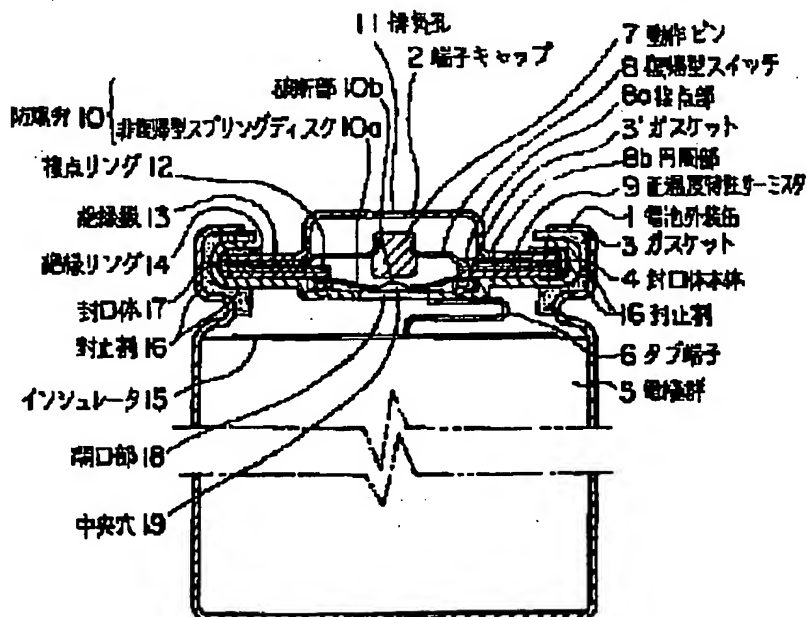
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(54) SEALED CYLINDRICAL NONAQUEOUS SECONDARY BATTERY

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a sealed cylindrical nonaqueous secondary battery excellent in leakage resistance characteristic by completely shutting off current inside the battery at the initial stage of the buildup of the battery internal pressure if the battery has failed.

SOLUTION: A group of electrodes 5 is enclosed, together with an electrolyte, inside a metallic, cylindrical battery outer case 1 serving also as a negative terminal, the battery outer case 1 is connected to the negative side of the group of electrodes 5,



an insulative gasket 3 is placed on the inner periphery of an opening in the battery outer case 1, and the battery outer case 1 is closed by a disc-shaped plug 17 serving also as a positive terminal supported against the gasket 3; the plug 17 includes a metallic plug main body 4 electrically connected to the group of electrodes 5, a metallic terminal cap 2 insulated from the plug main body 4 and locked in place, a return switch 8 having a contact part 8a that establishes electrical conduction from the plug main body 4 to the terminal cap 2, and a non-return explosion-proof valve 10 that is displaced outward as the pressure within the battery outer case 1 builds up.

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